<u>ABSTRACT</u>

The invention concerns an open-end spin-rotor with a shaft, on the free end of which a support cap can be attached. In accord with the invention, the open-end spin-rotor is improved in such a manner that the shaft possesses an alignment surface on the end face and the support cap exhibits a counter alignment surface for the alignment of support cap relative to a plane disposed perpendicular to the rotor axis and/or an inclined alignment surface for the alignment and coaxial centering of the support cap on the shaft.

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